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🔍 Title: **JP1238890A2: FLOATING BODY SUCH AS BALLOON, AEROSTAT, ETC., AND MANUFACTURE THEREOF**

🔍 Derwent Title: Mfg. complex shaped balloons having different inflatable part - by folding and pleating multi-layer film before heat sealing [\[Derwent Record\]](#)

🔍 Country: JP Japan
 🔍 Kind: A (See also: [JP6051075B4](#))

🔍 Inventor: **NOGUCHI TATSURO;**

🔍 Assignee: **NIPPON MATAI KK**
[News, Profiles, Stocks and More about this company](#)

🔍 Published / Filed: **1989-09-25 / 1988-03-19**

🔍 Application Number: **JP1988000066368**

🔍 IPC Code: **A63H 27/10;**

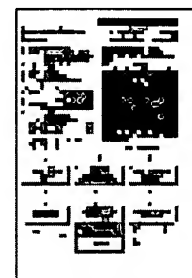
🔍 Priority Number: **1988-03-19 JP1988000066368**

🔍 Abstract:

PURPOSE: To produce such a floating body as complex in form inexpensively in cost by installing one bulged part with a gas filler port, and also plural pieces of identical expanded parts being interconnected to this bulged part.

CONSTITUTION: A right part from a fold 5 of a multilayer film 1 folded is a folding part 8, and the fold right part is a nonfolding part 9. A heat seal is applied as linear outline 10, and a parallel straight part 10' serves as a gas filler port 11. A circular part 10" in the nonfolding part 9 is one part of the linear outline 10 turning to one sphere or a bulged part 13, and a circular part 10''' in the folding part 8 is one part of the linear outline 10 turning to two spheres or expanded parts 14, 14. Next, when the excess multilayer film 1 is removed as being cut along the outside of the linear outline 10, a floating body 12 is securable.

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🔍 Other Abstract Info: None





(19)

(11) Publication number:

01238890 A

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PATENT ABSTRACTS OF JAPAN(21) Application number: **63066368**(51) Intl. Cl.: **A63H 27/10**(22) Application date: **19.03.88**

(30) Priority:

(43) Date of application
publication: **25.09.89**(84) Designated contracting
states:(71) Applicant: **NIPPON MATAI KK**(72) Inventor: **NOGUCHI TATSURO**

(74) Representative:

**(54) FLOATING BODY SUCH
AS BALLOON, AEROSTAT,
ETC., AND MANUFACTURE
THEREOF**

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